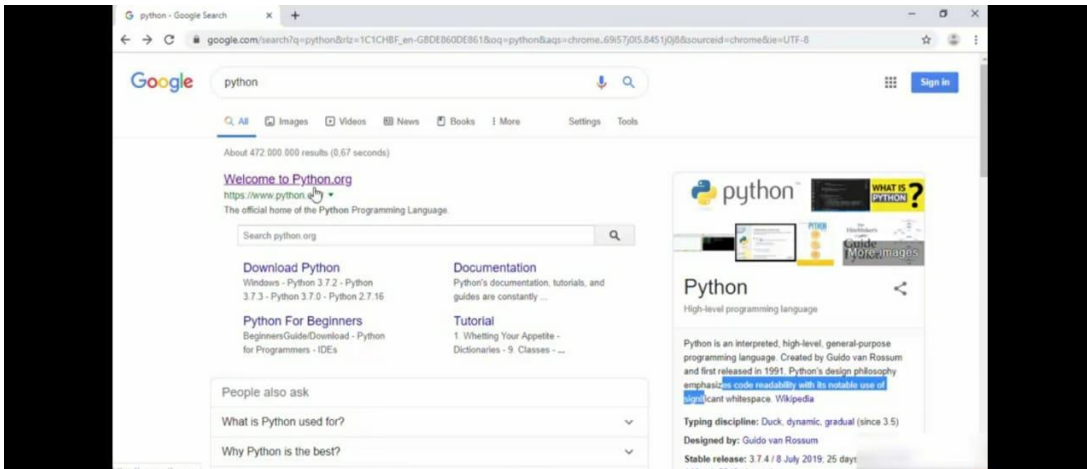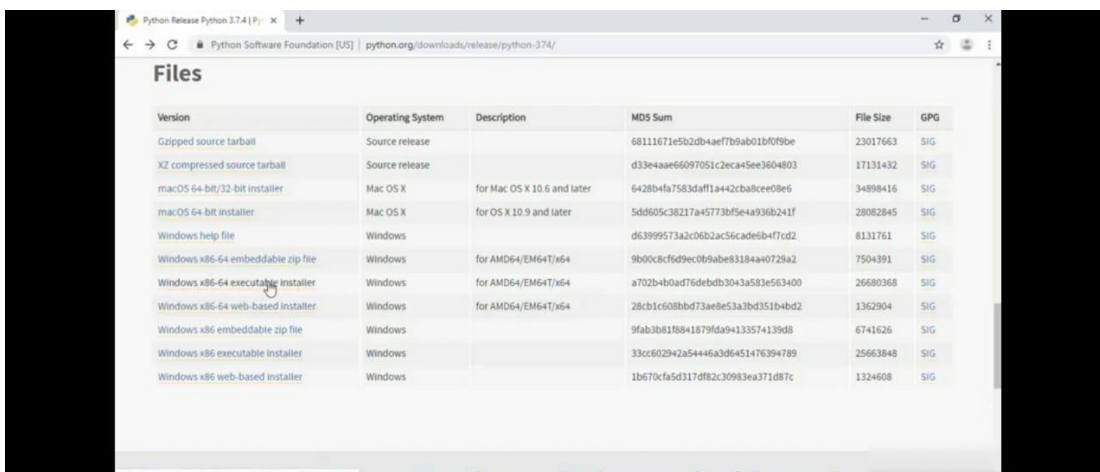# INSTALLATION OF PYTHON

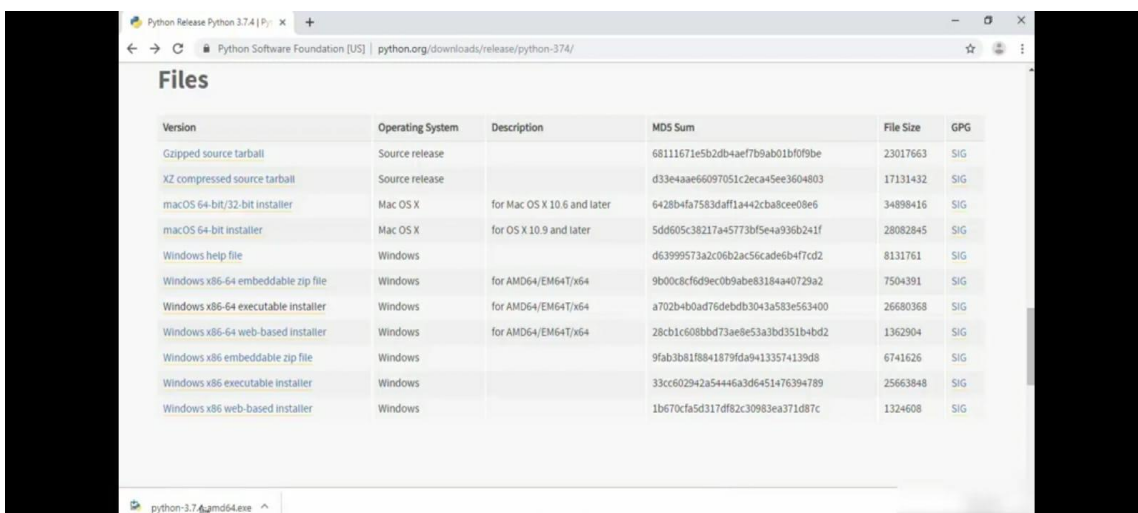**STEP 1**: Type python in google and click on the first link
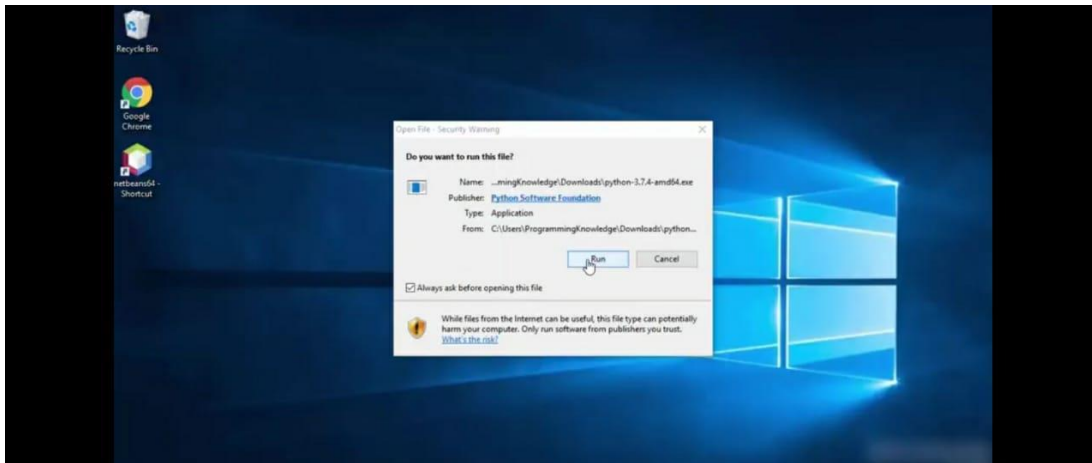

STEP 2: Scroll down to reach the Files and click windows x86-64 executable installer
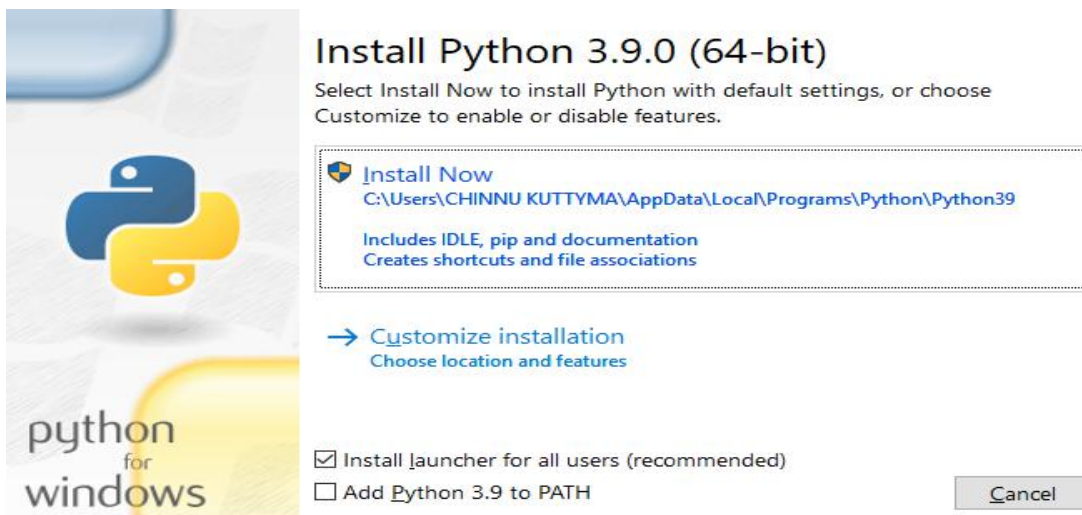
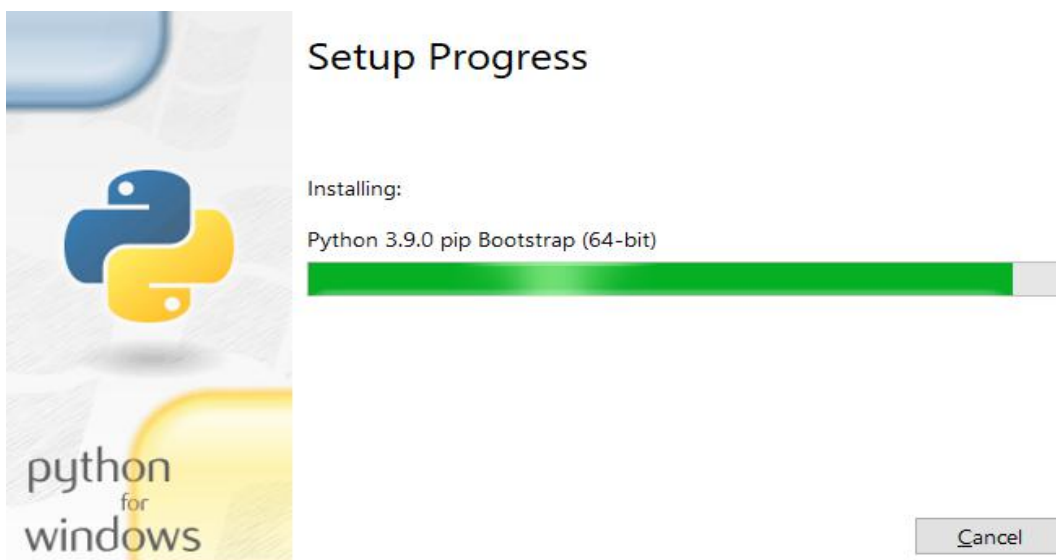

STEP 3: Click on the executable file

STEP 4: Click on the Run button

STEP 5: To change the path c lick on the second check box Add python 3.7 to PATH and then click the Install Now.

Install Python 3.9.0 (64-bit)

Select Install Now to install Python with default settings, or choose Customize to enable or disable features.

Install Now
C:\Users\CHINNU KUTTYMA\AppData\Local\Programs\Python\Python39

Includes IDLE, pip and documentation
Creates shortcuts and file associations

→ Customize installation
Choose location and features

☑ Install launcher for all users (recommended)
☐ Add Python 3.9 to PATH   Cancel

STEP 6: Installation process

Setup Progress

Installing:

Python 3.9.0 pip Bootstrap (64-bit)

Cancel

STEP 7: Click close button then installation was successful.

Setup was successful

New to Python? Start with the online tutorial and documentation. At your terminal, type "py" to launch Python, or search for Python in your Start menu.

See what's new in this release, or find more info about using Python on Windows.

🛡 Disable path length limit
Changes your machine configuration to allow programs, including Python, to bypass the 260 character "MAX_PATH" limitation.
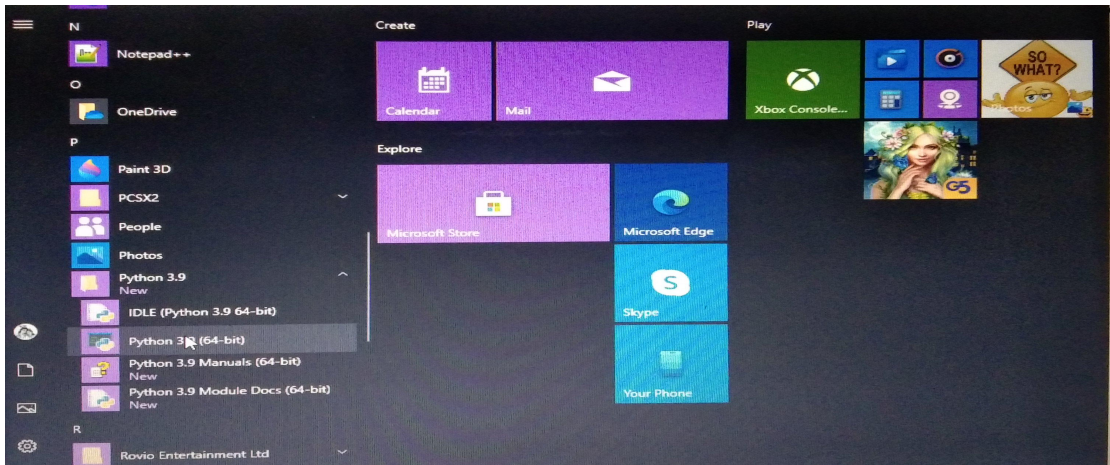
Close

STEP 8: To check whether it is working click the windows icon,scroll down and click python 3.9 Then Click the IDLE (python 3.9 64-bit)
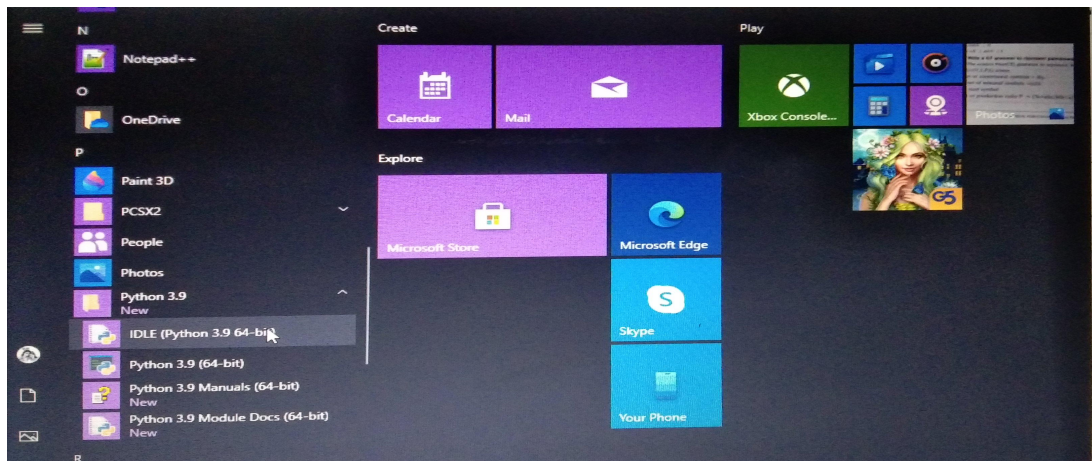
STEP 9: This is the IDLE window.


```
Python 3.9.0 (tags/v3.9.0:9cf6752, Oct  5 2020, 15:34:40) [MSC v.1927 64 bit (AM
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
```

Ln: 3 Col: 4
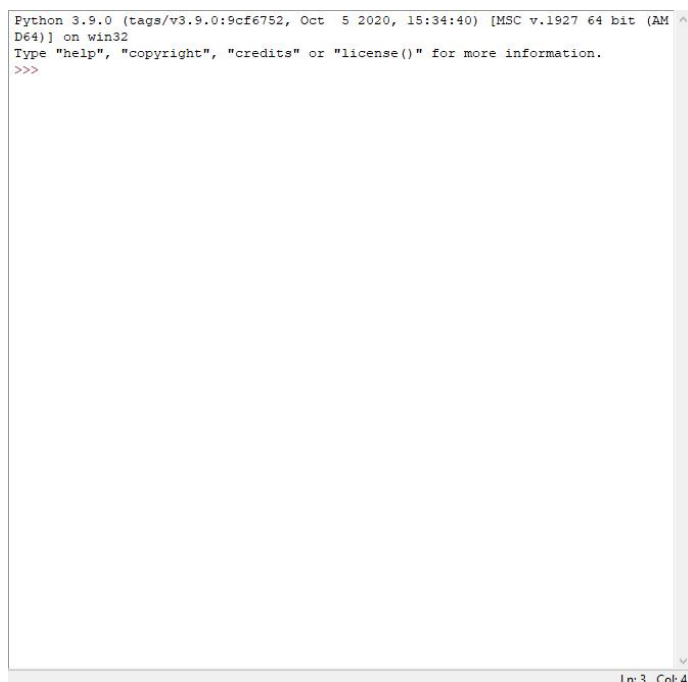
STEP 10: Click the Python 3.9 (64-bit)

STEP 11: This is the Python 3.9 (64-bit) command prompt.

STEP 12: To check whether the python works with windows command prompt.Open windows command prompt & Type Python in the command prompt and check whether it is working.

    Example: To type *print("Welcome Python Installation")*

Install following packages

Type "pip install tensorflow==1.15.2" and click enter.

Type "pip install keras=2.2.4" and click enter.

Type "pip install opencv-python==4.1.0.25" and click enter.

Type "pip install imutils" and click enter.

Type "pip install flask" and click enter.

Type "pip install progressbar33==2.4" and click enter

Type "pip install playsound==1.3.0" and click enter

```
(base) C:\Users\CHINNU KUTTYMA>pip install flask
Requirement already satisfied: flask in c:\users\chinnu kuttyma\anaconda3\lib\site-packa
ges (1.1.2)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\chinnu kuttyma\anaconda3\lib\s
ite-packages (from flask) (2.11.2)
Requirement already satisfied: click>=5.1 in c:\users\chinnu kuttyma\anaconda3\lib\site-
packages (from flask) (7.1.2)
Requirement already satisfied: Werkzeug>=0.15 in c:\users\chinnu kuttyma\anaconda3\lib\s
ite-packages (from flask) (1.0.1)
Requirement already satisfied: itsdangerous>=0.24 in c:\users\chinnu kuttyma\anaconda3\l
ib\site-packages (from flask) (1.1.0)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\chinnu kuttyma\anaconda3\lib
\site-packages (from Jinja2>=2.10.1->flask) (1.1.1)
```

```
ERROR: No matching distribution found for opencv-python==4.1.0..25

C:\Users\CHINNU KUTTYMA>pip install keras==2.2.4
Collecting keras==2.2.4
  Using cached Keras-2.2.4-py2.py3-none-any.whl (312 kB)
Requirement already satisfied: six>=1.9.0 in c:\users\chinnu kuttyma\appdata\local\programs\python\python39\lib\site-pac
kages (from keras==2.2.4) (1.16.0)
Collecting scipy>=0.14
  Downloading scipy-1.9.3-cp39-cp39-win_amd64.whl (40.2 MB)
     ---------------------------------- 40.2/40.2 MB 2.3 MB/s eta 0:00:00
Collecting keras-preprocessing>=1.0.5
  Using cached Keras_Preprocessing-1.1.2-py2.py3-none-any.whl (42 kB)
Requirement already satisfied: numpy>=1.9.1 in c:\users\chinnu kuttyma\appdata\local\programs\python\python39\lib\site-p
ackages (from keras==2.2.4) (1.23.3)
Collecting pyyaml
  Downloading PyYAML-6.0-cp39-cp39-win_amd64.whl (151 kB)
     ---------------------------------- 151.6/151.6 kB 1.3 MB/s eta 0:00:00
Collecting keras-applications>=1.0.6
  Using cached Keras_Applications-1.0.8-py3-none-any.whl (50 kB)
Collecting h5py
  Downloading h5py-3.7.0-cp39-cp39-win_amd64.whl (2.6 MB)
     ---------------------------------- 2.6/2.6 MB 2.5 MB/s eta 0:00:00
Installing collected packages: scipy, pyyaml, keras-preprocessing, h5py, keras-applications, keras
Successfully installed h5py-3.7.0 keras-2.2.4 keras-applications-1.0.8 keras-preprocessing-1.1.2 pyyaml-6.0 scipy-1.9.3

C:\Users\CHINNU KUTTYMA>
```

```
Microsoft Windows [Version 10.0.17134.1304]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\CHINNU KUTTYMA>pip install imutils
Requirement already satisfied: imutils in c:\users\chinnu kuttyma\appdata\local\programs\python\python39\lib\site-packag
es (0.5.4)

C:\Users\CHINNU KUTTYMA>pip install progressbar33==2.4
Collecting progressbar33==2.4
  Using cached progressbar33-2.4.tar.gz (10 kB)
  Preparing metadata (setup.py) ... done
Installing collected packages: progressbar33
  DEPRECATION: progressbar33 is being installed using the legacy 'setup.py install' method, because it does not have a '
pyproject.toml' and the 'wheel' package is not installed. pip 23.1 will enforce this behaviour change. A possible replac
ement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues/8559
  Running setup.py install for progressbar33 ... done
Successfully installed progressbar33-2.4

C:\Users\CHINNU KUTTYMA>pip install playsound==1.3.0
Collecting playsound==1.3.0
  Using cached playsound-1.3.0.tar.gz (7.7 kB)
  Preparing metadata (setup.py) ... done
Installing collected packages: playsound
  DEPRECATION: playsound is being installed using the legacy 'setup.py install' method, because it does not have a 'pypr
oject.toml' and the 'wheel' package is not installed. pip 23.1 will enforce this behaviour change. A possible replacemen
t is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues/8559
  Running setup.py install for playsound ... done
Successfully installed playsound-1.3.0

C:\Users\CHINNU KUTTYMA>
```